



The raised access floor system RhinoROC® 50% airflow perforated panel is perfectly suited for the use in technical rooms, server rooms and data centers. It consists of a welded tube frame structure with powder-coated surface and perforated covering sheet with elliptical holes. The substructure consists of height-adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.

PANEL FEATURES

- Compatible with 24" or 60cmm stringer system
- 50% open area
- Strong design loads with safety factors of 2
- Available with top surface adjustable damper
- Steel perforated panels are available with High Pressure Laminate, vinyl and rubber floor coverings
- Interchangeable with laminated RhinoROC® cementitious filled panels in a stringer system
- Aluminum perforated panels are available for use with a bolted stringer aluminum system

AREAS OF APPLICATIONS

- 1) Offices areas, working areas, corridors e.g. offices, hospitals, surgeries, ward rooms
- 2) Technical rooms e.g. electrical distribution and switchgear cabinet rooms
- 3) Areas for the gathering of people e.g. school rooms, restaurants, reading rooms
- 4) Factories, workshops and warehouses

TECHNICAL DETAILS

Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (include frame)	Panel Weight (Nominal)
Perf 1000	600/610mm	2.00 mm	Cold rolled steel welded	35.00 mm	12 kg
Perf 1500	600/610mm	3.00 mm	Cold rolled steel welded	35.00 mm	15 kg

LOAD PERFORMANCE CHART

Panel Type	Understructure	Performance Grades	Static Loads			Rolling Loads		Impact Loads
			Concentrated Load	Ultimate Load	Uniform Load	10 Passes	10,000 Passes	
Perf 1000	Bolted Stringer	Heavy Duty	4.45 kN	8.90 kN	17 kN	Not Recommended	0.67 kN	
Perf 1500	Bolted Stringer	Super Heavy Duty	6.67 kN	13.34 kN	22 kN	Not Recommended	0.67 kN	